

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. ARIYASU=1		SERIAL NO. 09/063,778	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Toshio ARIYASU et al.			
				FILING DATE: April 22, 1998		GROUP: <del>1643</del> 1646	
U.S. PATENT DOCUMENTS (include at least patentee, patent number, and issue date)							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
cur	AE	7 163368	6/27/95	JAPAN	X		
cur	AF	0 658 627 A2	6/21/95	EUROPE			
	AG						
	AH						
OTHER DOCUMENTS (include author, title, name of publication, volume, pages, and date of publication)							
cur	AI	Nusslein-Volhard, C. et al., "Mutations Affecting Segment Number and Polarity in Drosophila," <u>NATURE</u> , 287:795-801 (1980)					
	AJ	Lee, J. J. et al., "Secretion and Localized Transcription Suggest a Role in Positional Signaling for Products of the Segmentation Gene hedgehog," <u>CELL</u> , 71:33-50 (1992)					
	AK	Echelard, Y. et al., "Sonic Hedgehog, a Member of a Family of Putative Signaling Molecules, Is Implicated in the Regulation of CNS Polarity," <u>CELL</u> , 75:1417-1430 (1993)					
cur	AL	Marigo, V. et al., "Cloning, Expression, and Chromosomal Location of SHH and IHH: Two Human Homologues of the Drosophila Segment Polarity Gene Hedgehog," <u>GENOMICS</u> , 28:44-51 (1995)					
EXAMINER Clara M. Kef				DATE CONSIDERED 9/17/99			
EXAMINER: Initial if reference considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

#6

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OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)							
u	AM	The nucleotide sequence of mouse Desert hedgehog gene registered under the accession number "X76292" in "GenBank," a nucleic acid database by National Institute of Health, USA					
	AN	Kishi, K. "A New Leukemia Cell Line with Philadelphia Chromosome Characterized as Basophil Precursors," <u>LEUKEMIA RESEARCH</u> , 9:381-390 (1985)					
	AO	Jikken-Igaku-Bessatsu, Saibo-Kogaku Handbook (The handbook for the cell engineering), edited by Toshio KUROKI, Masaru TANIGUCHI and Mitsuo OSHIMURA, published by Yodosha Co. Ltd., Tokyo, Japan (1992)					
	AP	Jikken-Igaku-Bessatsu, Biomanual Series 3, Idenshi-Cloning-Jikken-Ho (The experimental methods for the gene cloning), edited by Takashi TOKOTA and Kenichi ARAI, published by Yodosha Co., Ltd., Tokyo, Japan (1993)					
	AQ	Jikken-Igaku-Bessatsu, Shin-Idenshikogaku-Handbook (The Handbook for Genetic Engineering), edited by Masami MURAMATSU, Hiroto OKAYAMA, and Tadashi YAMAMOTO, published by Yodosha Co., Ltd., Tokyo, Japan 269-283 (1996)					
	AR	Tan-Clone-Kotai-Manual (Experimental Manual for Monoclonal Antibody), edited by Sakuji TOYAMA and Tamie ANDO, published by Kodansha Scientific, Ltd., Tokyo, Japan, 105-152 (1991)					
	AS	P. Tijssen, Enzyme Immunoassay (Practice and Theory of Enzyme Immunoassays), translated by Eiji ISHIKAWA, published by Tokyo-Kagaku-Dojin, Tokyo, Japan, 196-348 (1989)					
	AT	Jikken-Igaku-Bessatsu, Biomanual UP Series, Idenshichiryō-no-Kisogijutsu (Basic techniques for the gene therapy), edited by Takashi SHIMADA, Izumi SAITO, and Keiya OZAWA, published by Yodosha Co., Ltd., Tokyo, Japan (1996)					
	AU	Hammerschmidt, M. et al., "The World According to Hedgehog," <u>TRENDS IN GENETICS</u> , 13:14-21 (1997)					
	AV	The nucleotide sequence registered under the accession number "AA064660" in "GenBank," a nucleic acid database by National Institute of Health, USA					
	AW	DNA cloning, Vol.1, edited by D. M. Glover, published by IRL press limited, Oxford, England (1985), pp.109-136					
	AX	Laemli, U. K., "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4," <u>NATURE</u> , 227:680-685 (1970)					
	AZ	The nucleotide sequence of a human Sonic hedgehog gene, reported by V. Marigo et al. and registered under the accession number "L38518" in "GenBank," a nucleic acid database by National Institute of Health, USA					
an	BA	ATCC Cell Lines and Hybridomas, Eighth Edition, 1994, edited by Robert Hey, PH.D., et al., published by American Type Culture Collection, Rockville, Maryland, USA (1994), pages describing the cell lines referred to in the specification					
EXAMINER <i>Chai M. K.</i>				DATE CONSIDERED 9/12/99			
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GROUP: ~~4643~~  
1646 #7

FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
<i>cu</i>	AA	9	5	1	8	8	5	6		13JL1995	WIPO				
<i>u</i>	AB	9	5	2	3	2	2	3		31AU1995	WIPO				
	AC														
	AD														
	AE														

OTHER DOCUMENTS (include author, title, name of publication, volume, pages and date of publication)

	AF	<del><i>DUPLICATE</i></del> Echelard, Y. et al., "Sonic Hedgehog, a Member of a Family of Putative Signaling Molecules, Is Implicated in the Regulation of CNS Polarity," <u>CELL</u> 75:1417-1430 (1993)													
<i>u</i>	AG	Abstract of XP 002079893, Drummond, "Human desert hedgehog," (1996)													
	AH														
	AI														
	AJ														

EXAMINER

*Clara M. Kay*

DATE CONSIDERED

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